

Response 6 and 8:

Fiberline Unbleached and Bleached Production Rates

Process tags were used to calculate production rates. A summary of the calculations using the process tags is given below. Under both scenarios, the calculated data was balanced with scaled production to ensure total production equaled total sold production.

Fiberline Unbleached Rate

The fiberline unbleached rate was calculated as follows:

$$\text{Dig Prod} = ((\text{Blow Line Consistency} * 0.9 * \text{Blow Line Flow}) - \text{Blow Line Dilution Flow}) / (15 - \text{Blow Line Consistency} * 0.05)$$

Dig Prod = Production Oven Dried Tons Fiber

Fiberline Bleached Rate

The bleached plant production was calculated as follows:

$$\text{TPD} = \text{Effic. Factor} * \text{Flow} * \% \text{ Consistency} * \text{Density} * \text{Unit conversion factor}$$

TPD = Tons bleached pulp per day

Flow = Flow of stock to the D0 stage (gallon per minute)

% Consistency = Measured consistency of stock to D0

Density = Calculated density of stock

Effic. Factor = Assumed efficiency across bleach plant of 97%

Unit Conversion Factor = convert minutes to day, pounds to tons, etc